



PIC of Job:

SECRET



GoM Job Safety and Environmental Analysis (JSEA) – Preparation Checklist

This is a tool to assist with the completion of the JSEA form.

PPE Required

- ☐ hard hat / safety glasses / steel toe boots
- ☐ hearing protection
- ☐ FRC
- ☐ gloves
- ☐ face shield / goggles
- ☐ respiratory protection
- ☐ other: _____

Procedures To Review

- ☐ specific job procedures
- ☐ permit to work*
- ☐ MOC*
- ☐ confined space entry*
- ☐ hot work
- ☐ cold cutting
- ☐ hot bolting
- ☐ energy isolation*
- ☐ SIMOPS
- ☐ lifting operations*
- ☐ ground disturbance*
- ☐ working at heights
- ☐ rescue plan for use of fall protection
- ☐ emergency action plan
- ☐ MSDS
- ☐ other: _____

Adequate Personnel

- ☐ knowledge / skills / experience
- ☐ training / orientation
- ☐ short service employees
- ☐ approved HSE contractor's list
- ☐ PIC of job identified
- ☐ communication among co-workers
- ☐ other: _____

Tools & Equipment

- ☐ proper tools & equipment available
- ☐ proper use of tools & equipment
- ☐ tools & equipment inspected for damage
- ☐ qualification of operator
- ☐ proper certification
- ☐ safety devices in bypass
- ☐ service / maintenance
- ☐ hot / cold surfaces
- ☐ equipment guarding
- ☐ other: _____

Hazardous Materials

- ☐ crude oil / natural gas / condensate
- ☐ flammable / combustible / explosive
- ☐ H₂S / SO₂ / CO
- ☐ acids / bases / corrosives
- ☐ radioactive materials/NORM
- ☐ dusts / gases / fumes
- ☐ poisons
- ☐ reactive chemicals
- ☐ other: _____

Energy Sources (Mechanical)

- ☐ rotating equipment
- ☐ pinch points
- ☐ sharp objects
- ☐ moving / dropped objects
- ☐ other: _____

Energy Sources (Pneumatic)

- ☐ sandblasting
- ☐ painting
- ☐ volume bottles
- ☐ air hoses
- ☐ air tools
- ☐ air tuggers
- ☐ cylinders (O₂ / acetylene / N₂)
- ☐ natural gas (vessels / tanks / piping)
- ☐ other: _____

Energy Sources, Electrical

- ☐ bare wiring
- ☐ shock hazards
- ☐ grounding on tools / equipment
- ☐ electric power tools
- ☐ electrical
- ☐ other: _____

Lifting

- ☐ lifting with crane
- ☐ Body Placement
- ☐ lifting with hoist / come-a-long
- ☐ hoisting of tools w/ rope
- ☐ proper rigging practices
- ☐ manual lifting (body position)
- ☐ other: _____

Body Position / Movement

- ☐ prolonged awkward body position
- ☐ bending / twisting
- ☐ climbing / over extending
- ☐ crawling / crouching
- ☐ reaching / pulling / pushing
- ☐ carrying materials
- ☐ pinch points of body / hands
- ☐ other: _____

Weather Conditions

- ☐ rain / lightning
- ☐ excessive cold / heat
- ☐ wind / sea conditions
- ☐ other: _____

Physical Surroundings

- ☐ cluttered walkways & work area
- ☐ slippery walking surfaces
- ☐ slips / trips / falls
- ☐ housekeeping
- ☐ work over open water
- ☐ open holes
- ☐ emergency egress identified
- ☐ low hanging pipes / supports
- ☐ lighting levels
- ☐ noise levels
- ☐ ambient temp (heat / cold stress)
- ☐ other: _____

Safe Location Factors

- ☐ geographic area (wildlife refuge)
- ☐ terrain (rough / wet / rocky / muddy)
- ☐ excavation (shoring / water table)
- ☐ adequate access / egress roads
- ☐ overhead wires
- ☐ lasers / x-rays / microwaves / UV
- ☐ other: _____

Roadways

- ☐ flagmen (PPE & training)
- ☐ signs / cones / flares / lights / reflectors
- ☐ transition, high / low asphalt to dirt
- ☐ speed of traffic on highway
- ☐ other: _____

Potential Pollution Factors

- ☐ spill procedures
- ☐ controlling waste (rags, pads, etc.)
- ☐ trash containment
- ☐ breaking flanges
- ☐ drip pans
- ☐ proper absorption pads
- ☐ making tie-in on ICP
- ☐ moving hoses & containers
- ☐ identify waste generation and procedures to use
- ☐ other: _____

check waste generated:

1. For waste(s) checked, review procedures from Waste Management Manual.
2. If waste(s) belong to contractor, contractor to package, label and manifest waste per contractor procedures in prep for removal of waste from BP's location.
3. Review jobsite after work completion to ensure jobsite is cleaned.

- | | |
|---|---|
| <input type="checkbox"/> absorbent materials | <input type="checkbox"/> metal, scrap (NORM free) |
| <input type="checkbox"/> acetylene | <input type="checkbox"/> methanol |
| <input type="checkbox"/> acid | <input type="checkbox"/> methyl ethyl ketone |
| <input type="checkbox"/> aerosol cans | <input type="checkbox"/> natural gas |
| <input type="checkbox"/> antifreeze | <input type="checkbox"/> nitrogen |
| <input type="checkbox"/> aviation fuel | <input type="checkbox"/> NORM, equip, pipe |
| <input type="checkbox"/> barite (excess) | <input type="checkbox"/> NORM, produced sand |
| <input type="checkbox"/> batteries | <input type="checkbox"/> NORM tank bottoms |
| <input type="checkbox"/> bulk containers (sacks) | <input type="checkbox"/> oil (used) |
| <input type="checkbox"/> caustic soda | <input type="checkbox"/> oxygen |
| <input type="checkbox"/> cement (excess) | <input type="checkbox"/> paint / paint waste |
| <input type="checkbox"/> ceramic pkg material | <input type="checkbox"/> paraffin |
| <input type="checkbox"/> chlorine tablets | <input type="checkbox"/> pigs |
| <input type="checkbox"/> completion fluids | <input type="checkbox"/> pipe dope |
| <input type="checkbox"/> cooking oil | <input type="checkbox"/> produced water |
| <input type="checkbox"/> crude oil / condensate | <input type="checkbox"/> refuse, debris, contaminated |
| <input type="checkbox"/> diesel fuel | <input type="checkbox"/> sand, produced sand |
| <input type="checkbox"/> drilling fluids / cuttings | <input type="checkbox"/> tank btm (NORM free) |
| <input type="checkbox"/> drums (empty) | <input type="checkbox"/> sandblasting materials |
| <input type="checkbox"/> filters (used) | <input type="checkbox"/> sanitary wastewater |
| <input type="checkbox"/> fluorescent light bulbs | <input type="checkbox"/> thread protectors |
| <input type="checkbox"/> food waste | <input type="checkbox"/> tires (used) |
| <input type="checkbox"/> freon TF solvent | <input type="checkbox"/> trash |
| <input type="checkbox"/> glycol | <input type="checkbox"/> Vertrel MCA solvent |
| <input type="checkbox"/> halon | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> metal cuttings | |

Other Potential Problem Areas

* Denotes Golden Rule

JOB SAFETY and ENVIRONMENTAL ANALYSIS*



*Use in conjunction with JSEA Preparation Checklist

Date: _____

1) ASSIGN THE RIGHT TEAM - Knowledge, Experience, Committed, Confident, Empowered

2) UNDERSTAND THE STEPS / DEFINE THE HAZARDS - Who knows the hazards? Gather appropriate resources.

3) EXECUTE - Influence, Manage, Lead, Assign Responsibility to Recommended Actions to Reduce / Eliminate Hazards

Team Members (Print Name)	Signature	Job Title	Employer

*** If procedures should change or JSEA is revised, STOP the job. You MUST get approval from Person-in-charge of job before continuing.